

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : LEMMA et al.  
Serial No. : 10/509,414  
Confirmation No. : 8042  
Filing Date : September 23, 2004  
Group Art Unit : 2131  
Examiner : Christian LaForgia

**RESPONSE TO NOTICE OF NON-COMPLIANT APPEAL BRIEF  
On Appeal from Group Art Unit 2131**

Date: August 18, 2008

Responsive to the Notice of Non-Compliant Appeal Brief dated August 8, 2008, appellant provides herein replacement section V SUMMARY OF CLAIMED SUBJECT MATTER in accordance with MPEP 1205.03, by providing only the corrected section of the appeal brief.

Replacement section V starts on page 2

**V. SUMMARY OF CLAIMED SUBJECT MATTER**

The claimed invention, as recited in claim 1, is directed to a method of generating a watermark signal for embedding in a multimedia host signal (page 5, line 16 to page 7, line 30), the method comprising: taking a first sequence of values; applying a window shaping function having a predetermined width to said first sequence of values so as to form a smoothly varying signal, wherein the integral over the predetermined width of the window shaping function is zero (page 5, lines 16-24, page 9, lines 3-12); and embedding said smoothly varying signal into the host signal.

The claimed invention, as recited in claim 9, is directed to an apparatus arranged to generate a watermark signal suitable for embedding in a host multimedia signal (Fig. 6; page 6, line 16 to page 10, line 4), the apparatus comprising: a signal generator arranged to generate a watermark signal by taking a first sequence of values; and processing means arranged to apply a window shaping function having a predetermined width to said first sequence of values so as to form a smoothly varying signal suitable for embedding in a host signal, wherein the integral over said predetermined width of the window shaping function is zero (page 5, lines 16-24, page 9, lines 3-12).

The claimed invention, as recited in claim 13, is directed to a method of detecting a watermark signal embedded in a multimedia signal (page 10, line 5 to page 15, line 24), the method comprising: receiving the multimedia signal; extracting an estimate of a watermark from the received signal by assuming that the watermark comprises a sequence of values to which a window shaping function having a predetermined width has been applied (page 12, line 17 to page 13, line 23), the integral over said predetermined width of the window shaping function being zero (page 12, line 17 to page 13, line 17); and processing the estimate of the watermark

with a referenced version of the watermark so as to determine whether the received signal is watermarked (page 13, line 24 to page 15, line 24).

The claimed invention, as recited in claim 16, is directed to a watermark detector apparatus arranged to detect whether a watermark signal is embedded within a multimedia signal (Fig. 11; page 10, line 5 to page 15, line 24), the watermark detector comprising: a receiver arranged to receive the multimedia signal; an extractor arranged to extract an estimate of a watermark from the received signal by assuming that the watermark comprises a sequence of values to which a window shaping function having a predetermined width has been applied (page 12, line 17 to page 13, line 23), the integral over said predetermined width of the window shaping function being zero (page 12, line 17 to page 13, line 17); and a processor arranged to process the estimate of the watermark with a referenced version of the watermark so as to determine whether the received signal is watermarked (page 13, line 24 to page 15, line 24).

**CONCLUSION**

In light of the above replacement section V, Appellant respectfully submits the Appeal Brief is corrected and should be accepted.

Respectfully submitted,

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